

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012595.D
 Acq On : 14 Feb 2023 18:08
 Operator : KP/MD
 Sample : 01552-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Feb 15 01:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

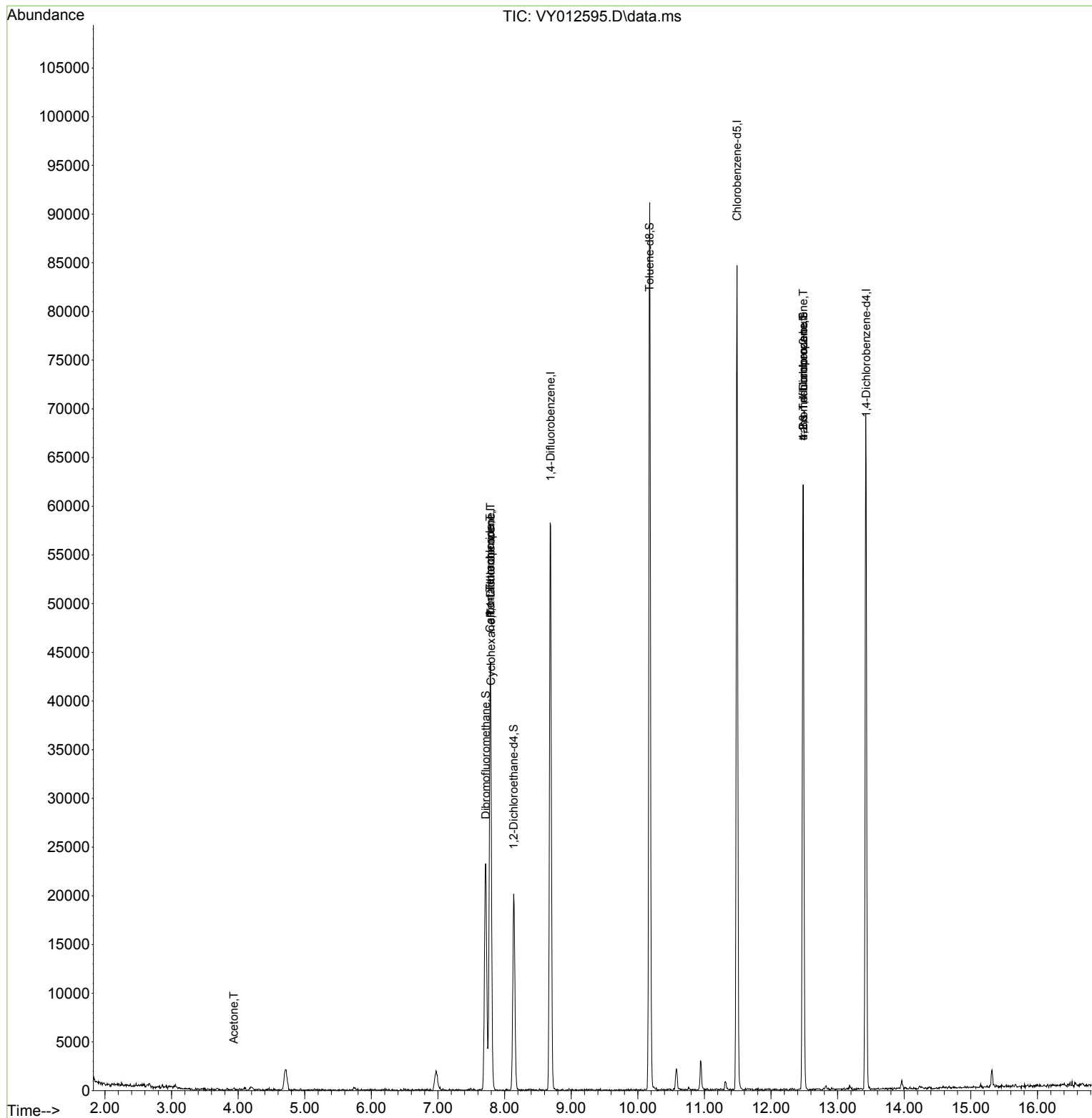
Internal Standards						
1) Pentafluorobenzene	7.789	168	35915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	54420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17119	37.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.960%
35) Dibromofluoromethane	7.716	113	16230	40.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.179	98	63595	38.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.100%
62) 4-Bromofluorobenzene	12.483	95	17166	29.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.660%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	54	Below Cal		96
11) Tert butyl alcohol	4.936	59	59	Below Cal	#	75
16) Acetone	3.936	43	191	1.738	ug/l #	41
31) Cyclohexane	7.795	56	563	1.066	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	2325	4.335	ug/l #	49
38) Carbon Tetrachloride	7.783	117	3623	5.032	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	8692	38.714	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8692	87.302	ug/l #	12

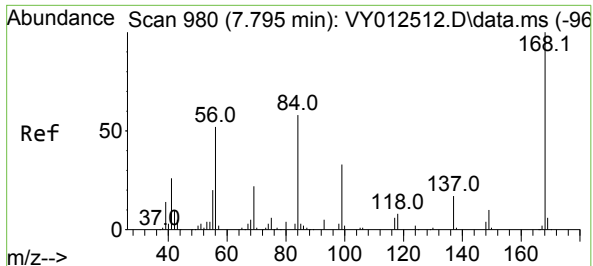
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
Data File : VY012595.D
Acq On : 14 Feb 2023 18:08
Operator : KP/MD
Sample : 01552-05
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

Quant Time: Feb 15 01:32:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

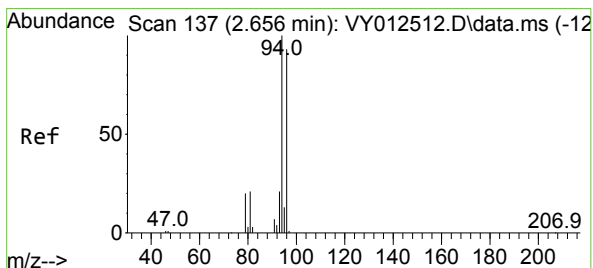
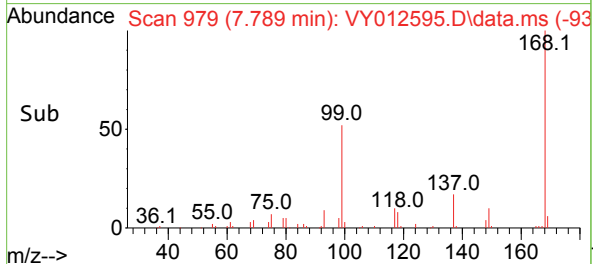
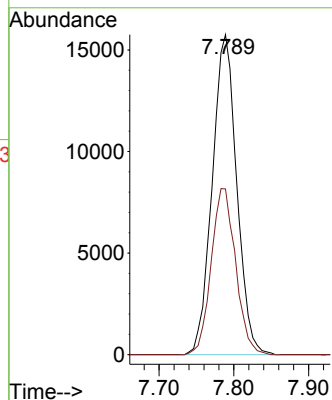
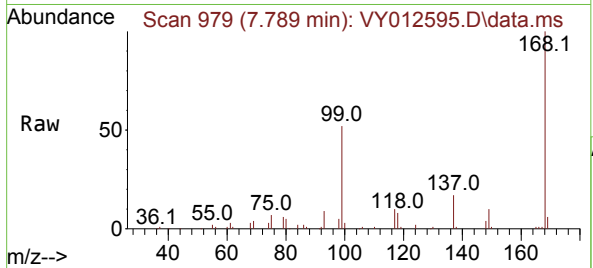




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

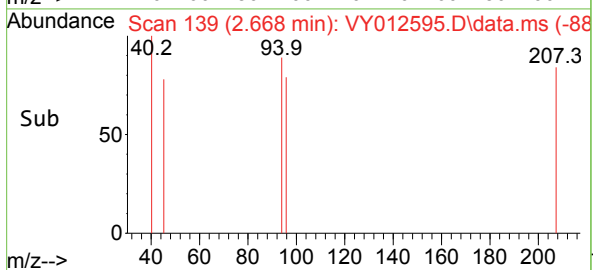
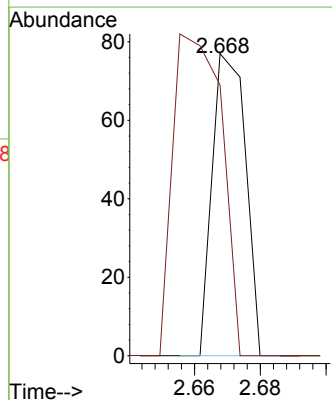
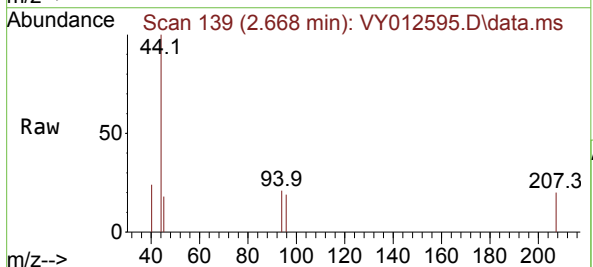
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

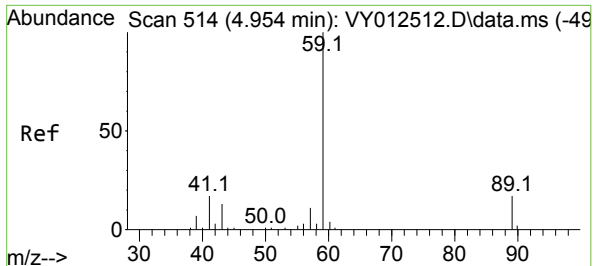
Tgt Ion:168 Resp: 35915
Ion Ratio Lower Upper
168 100
99 51.8 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 89.6 74.7 112.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

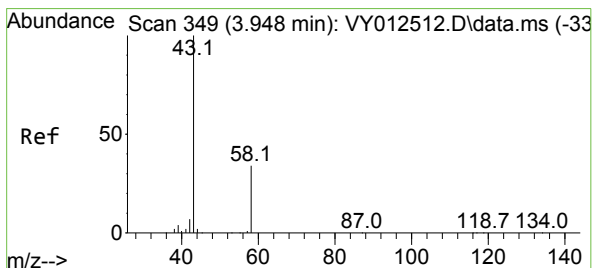
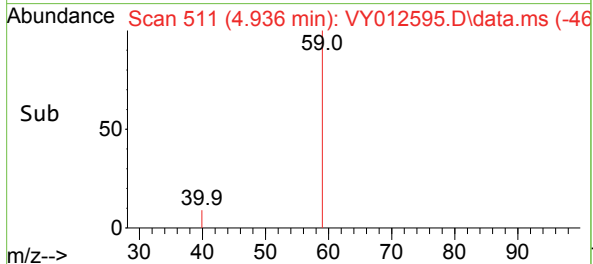
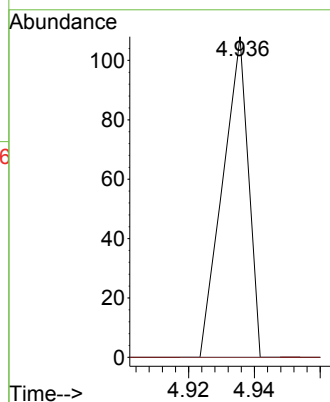
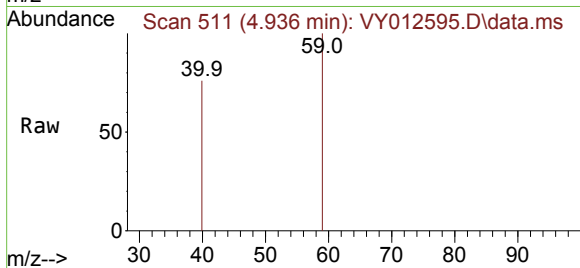
SB-03-0-2.0

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 1.738 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY012595.D

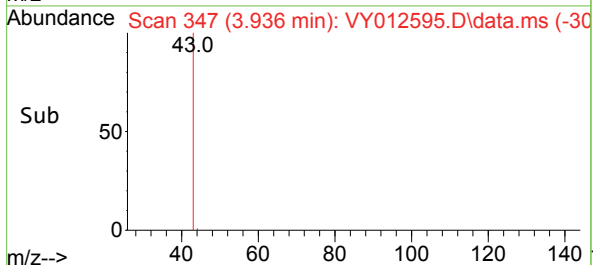
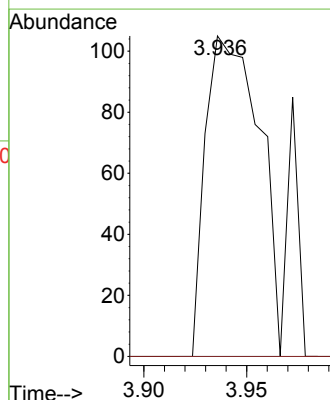
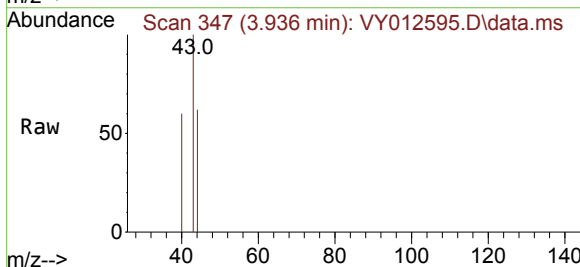
Acq: 14 Feb 2023 18:08

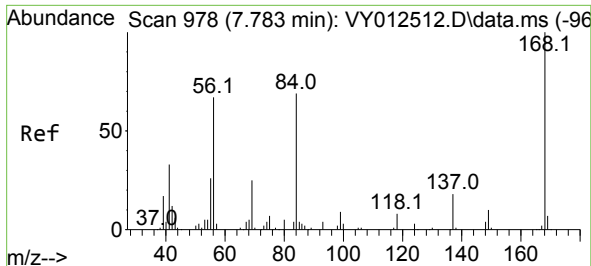
Tgt Ion: 43 Resp: 191

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#

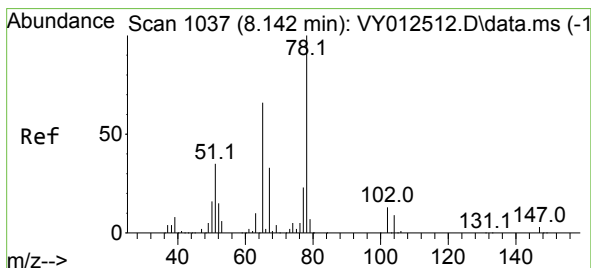
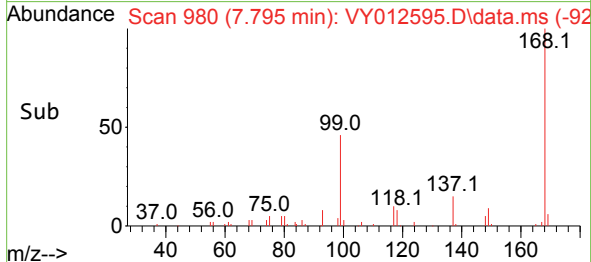
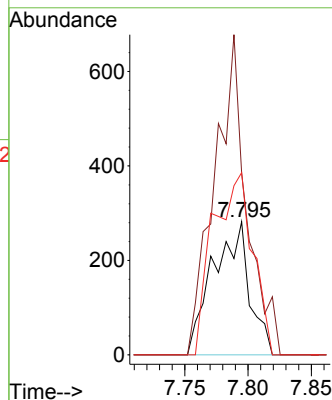
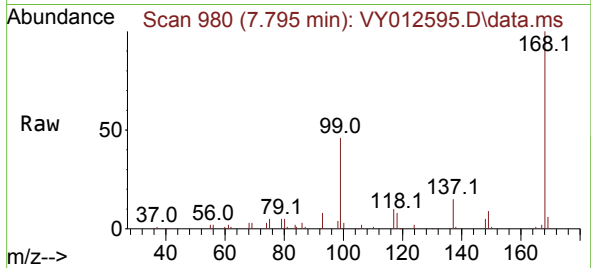




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

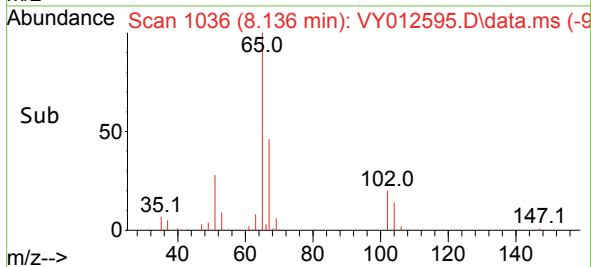
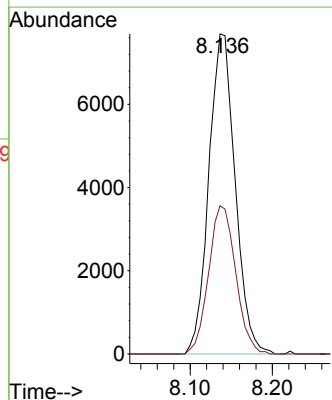
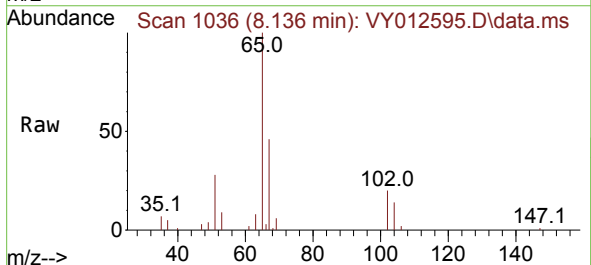
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

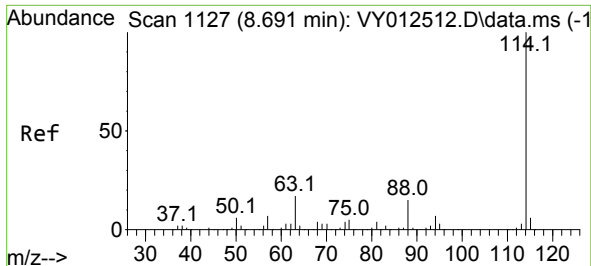
Tgt Ion: 56 Resp: 563
Ion Ratio Lower Upper
56 100
69 136.5 29.5 44.3#
84 136.9 81.9 122.9#



#33
1,2-Dichloroethane-d4
Concen: 37.484 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion: 65 Resp: 17119
Ion Ratio Lower Upper
65 100
67 47.6 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0

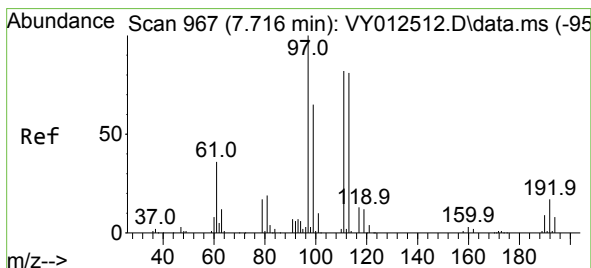
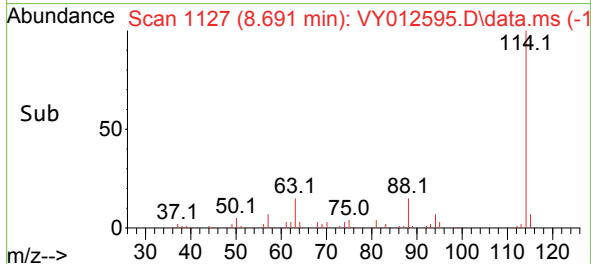
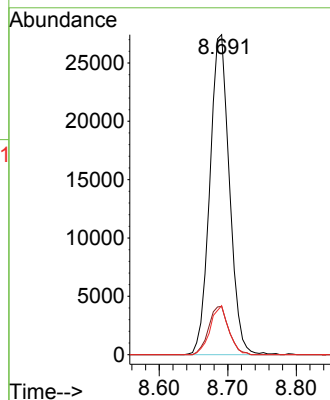
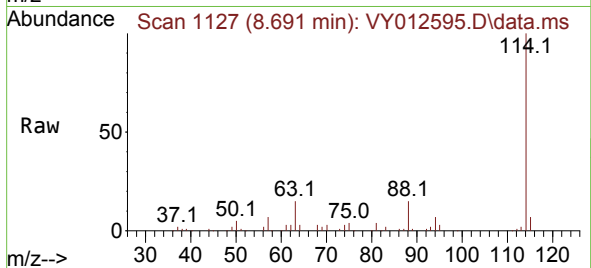
Tgt Ion:114 Resp: 54420

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.6

88 15.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.952 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

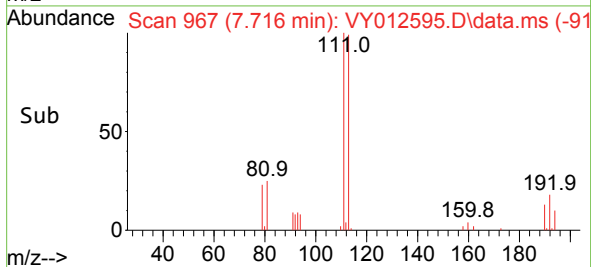
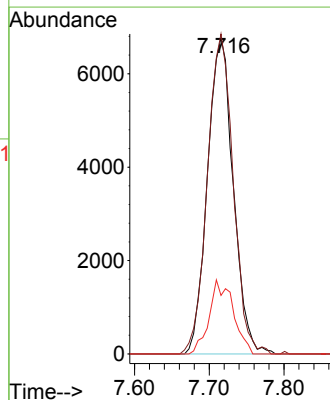
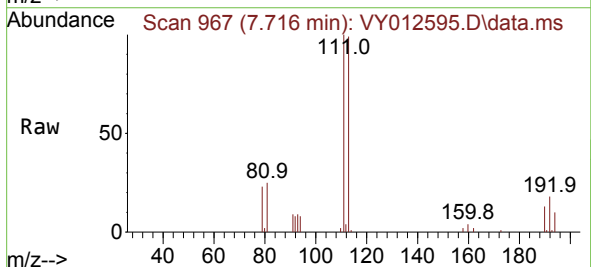
Tgt Ion:113 Resp: 16230

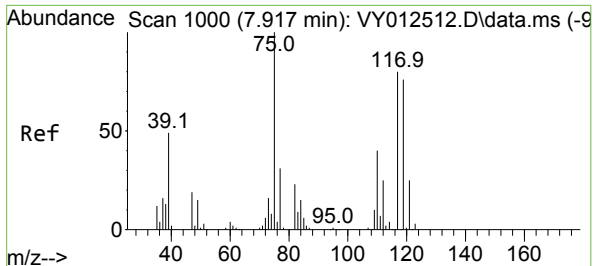
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 21.8 17.5 26.3





#36

1,1-Dichloropropene

Concen: 4.335 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-0-2.0

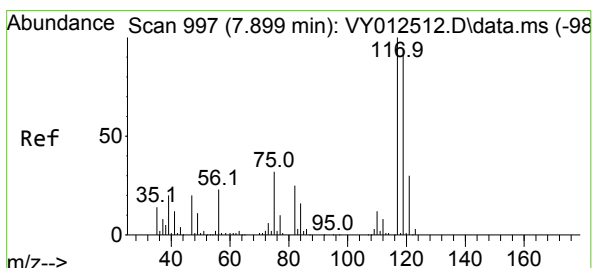
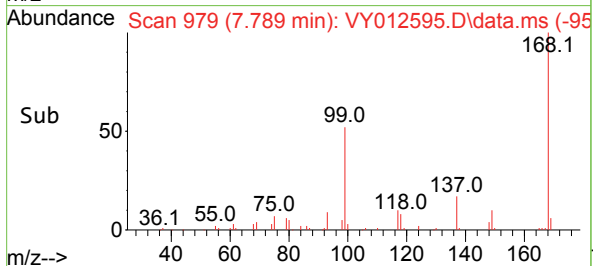
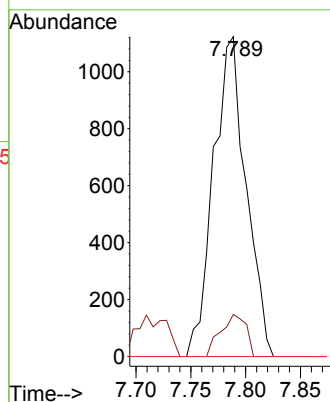
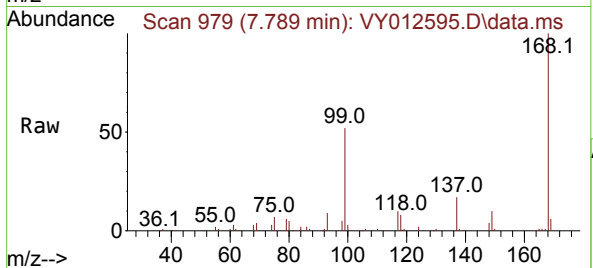
Tgt Ion: 75 Resp: 2325

Ion Ratio Lower Upper

75 100

110 10.2 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.032 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012595.D

Acq: 14 Feb 2023 18:08

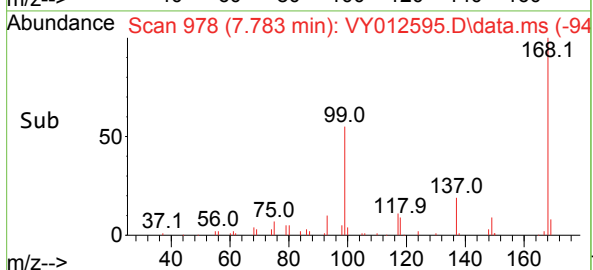
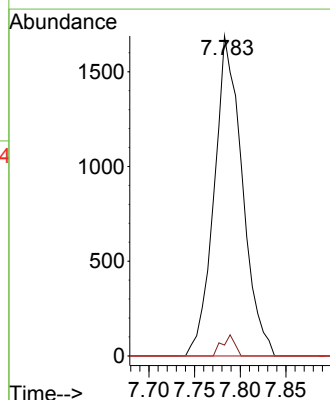
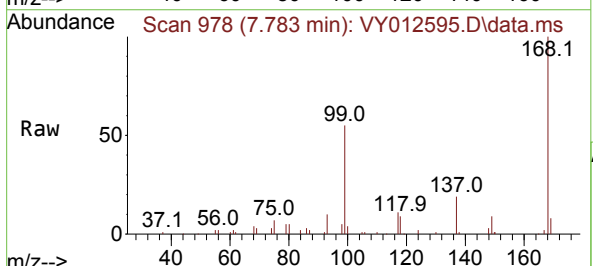
Tgt Ion: 117 Resp: 3623

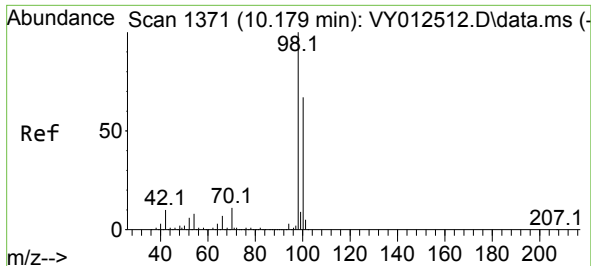
Ion Ratio Lower Upper

117 100

119 3.4 75.1 112.7#

121 0.0 24.3 36.5#

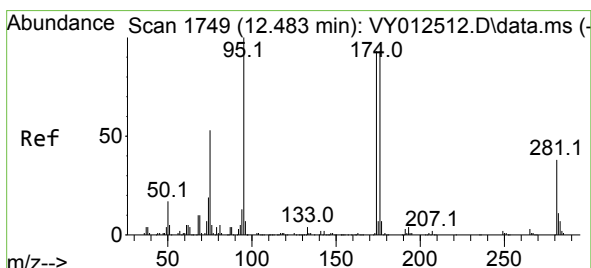
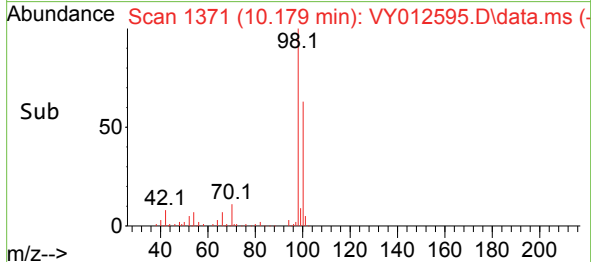
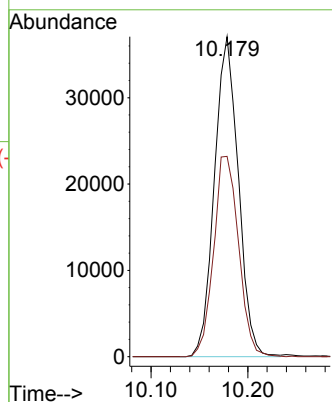
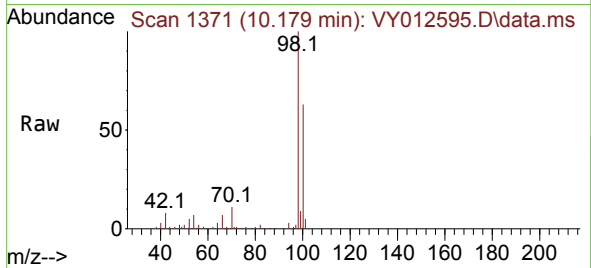




#50
Toluene-d8
Concen: 38.552 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

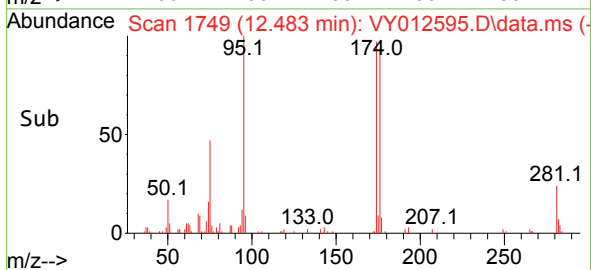
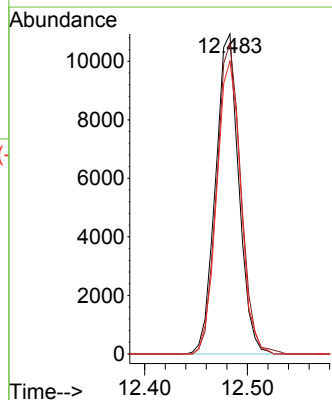
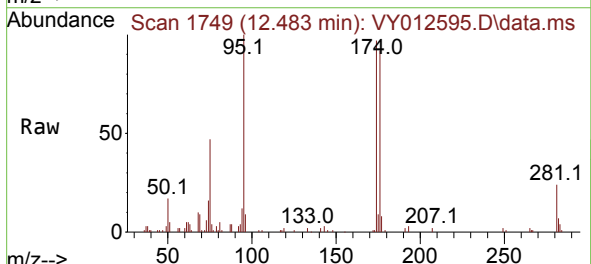
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

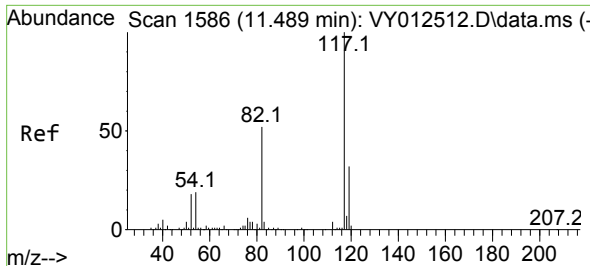
Tgt Ion: 98 Resp: 63595
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 29.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion: 95 Resp: 17166
Ion Ratio Lower Upper
95 100
174 100.8 0.0 188.0
176 94.8 0.0 183.6

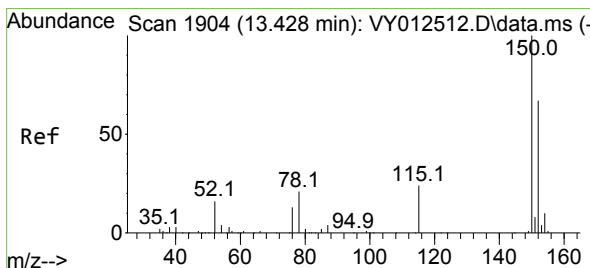
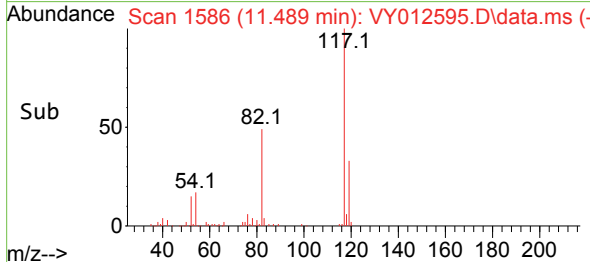
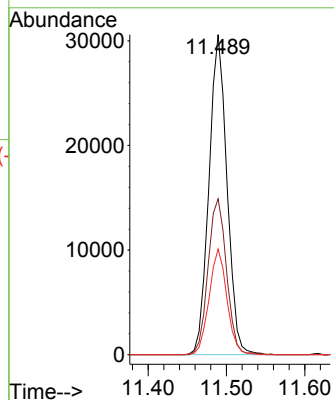
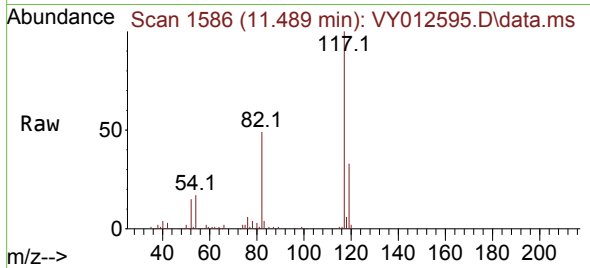




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

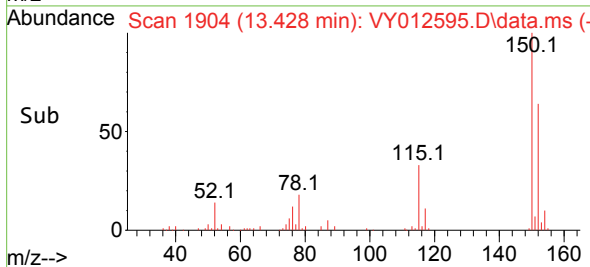
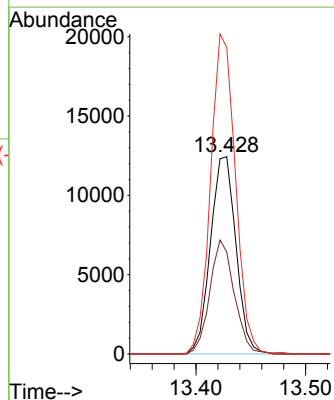
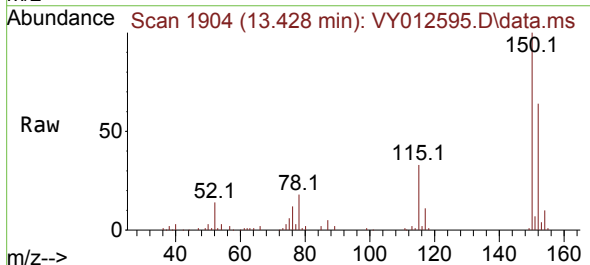
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

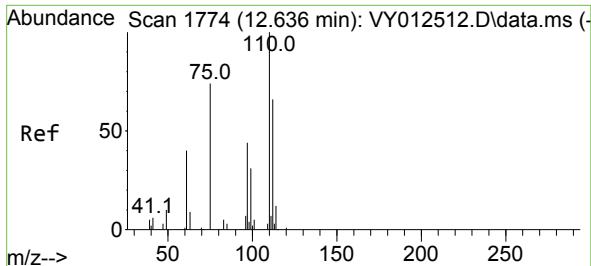
Tgt Ion:117	Resp:	48832
Ion Ratio	Lower	Upper
117	100	
82	48.7	41.7 62.5
119	33.0	25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion:152	Resp:	20096
Ion Ratio	Lower	Upper
152	100	
115	55.4	28.1 84.3
150	158.3	0.0 351.0

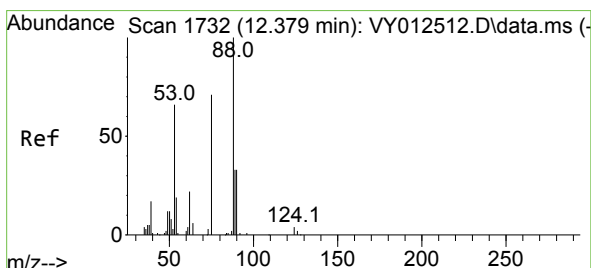
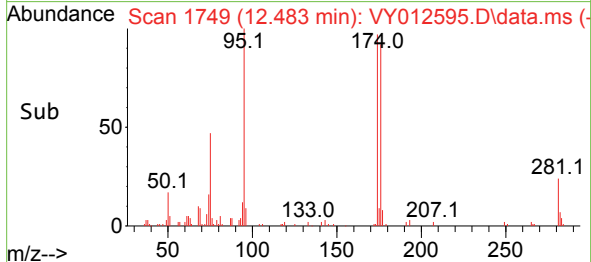
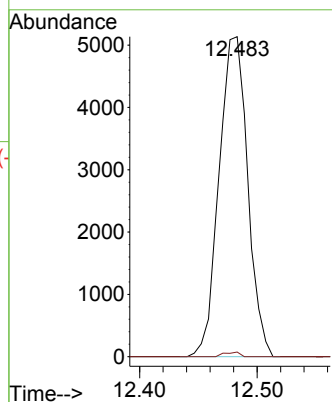
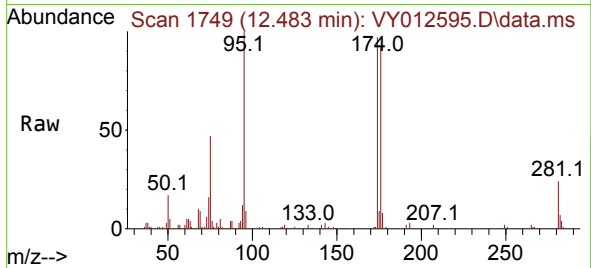




#76
1,2,3-Trichloropropane
Concen: 38.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 75 Resp: 8692
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012595.D
Acq: 14 Feb 2023 18:08

Tgt Ion: 75 Resp: 8692
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

